

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	0	6,259,500.pn. and gorve\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:25
2	1425555	6,259,500.pn. and gorve\$1 or channel\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:24
3	0	6,259,500.pn. and (gorve\$1 or channel\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:25
5	0	display and substrate and gorve\$1 and absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:26
6	0	display and substrate and gorve\$1 and absorber and water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:26
7	6	display and substrate and gorve\$1 and absorb\$9 and water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:27
8	6	display and substrate\$1 and gorve\$1 and absorb\$9 and water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:27
4	6	display and substrate and gorve\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:27
9	2887	display and substrate and grove\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:28
10	1339	display and substrate and grove\$1 and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:28
11	1046	display and substrate and grove\$1 and absorb\$6 and water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:33
12	14	display and substrate and grove\$1 and absorb\$6 and water and electroluminescence	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:37
13	11	display and substrate and grove\$1 and absorb\$6 and water and electroluminescence and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:41

14	11	display and substrate\$1 and grove\$1 and absorb\$6 and water and electroluminescence and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:41
15	12	display and substrate\$1 and grove\$1 and absorb\$6 and (water or moisture)and electroluminescence and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:42
16	12	display and substrate\$1 and grove\$1 and absorb\$6 and (water or moisture) and electroluminescence and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 07:42
17	0	6,259,500.pn. and protrusion and spacer and plate\$1 and seal\$6 and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:04
18	4	6,495,886 B1.pn. and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:04
19	4	6,495,886 B1.pn. and absorb\$6 and (moisture or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:05
20	0	6,495,886.pn. and absorb\$6 and (moisture or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
21	2	6,495,886.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
22	0	6,495,886.pn. and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
23	0	6,495,886.pn. and (moisture or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
24	1	6,091,078.pn. and (moisture or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
25	1	6,091,078.pn. and (moisture or water) and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:07
26	0	5,661,364.pn. and (moisture or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:11
27	11153	(electroluminescence or EL) adj display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:11

28	1681	(electroluminescence or EL) adj display and absorb\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:12
29	848	(electroluminescence or EL) adj display and absorb\$6 and water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:12
30	60	(electroluminescence or EL) adj display and absorb\$6 and absorb\$6 adj water	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:12
31	34	(electroluminescence or EL) adj display and absorb\$6 and absorb\$6 adj water and substrate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:13
32	0	(electroluminescence or EL) adj display and absorb\$6 and absorb\$6 adj water and substrate\$1 and grove\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:13
33	13	(electroluminescence or EL) adj display and absorb\$6 and absorb\$6 adj water and substrate\$1 and (grove\$1 or channels)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 10:33
-	797	345/76.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:39
-	293	345/76.ccls. and (electroluminescence or EL) adj display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:40
-	170	345/76.ccls. and (electroluminescence or EL) adj display and transparent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:40
-	153	345/76.ccls. and (electroluminescence or EL) adj display and transparent and substrate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:41
-	147	345/76.ccls. and (electroluminescence or EL) adj display and transparent and substrate\$1 and first	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:41
-	144	345/76.ccls. and (electroluminescence or EL) adj display and transparent and substrate\$1 and first and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:41
-	52	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:42
-	51	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:42

-	38	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second and sequential\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:42
-	7	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second and sequential\$6 and package\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:43
-	2	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second and sequential\$6 and package\$6 and plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:43
-	1	(electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second and package\$6 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:11
-	2	(electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and electrode\$1 and package\$6 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:48
-	1	(electroluminescence or EL) adj (display and layer) and substrate\$1 and first and electrode\$1 and second and package\$6 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:04
-	2	(electroluminescence or EL) adj (display and layer) and substrate\$1 and electrode\$1 and package\$6 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:57
-	21	(electroluminescence or EL) adj (display and layer) and substrate\$1 and electrode\$1 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:50
-	1	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and transparent and substrate\$1 and first and electrode\$1 and second and sequential\$6 and plate and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:51
-	1	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and substrate\$1 and first and electrode\$1 and second and sequential\$6 and plate and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:51
-	1	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and substrate\$1 and electrode\$1 and sequential\$6 and plate and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:51
-	1	345/76.ccls. and (electroluminescence or EL) adj (display and layer) and substrate\$1 and electrode\$1 and plate and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 16:51
-	7	(electroluminescence or EL) adj (display and substrate\$1 and electrode\$1 and package\$6 and plate\$1 and protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 06:14
-	1	(electroluminescence or EL) adj (display and package\$6 and plate\$1 adj protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 06:14

-	3	(electroluminescence or EL) adj (display) and plate\$1 adj protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:06
-	12	display and package\$6 and plate\$1 adj protrusion\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:03
-	2	6,091,078.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:02
-	1	6,091,078.pn. and overhang	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 09:33
-	2	display and package\$6 and plate\$1 adj protrusion\$1 and absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 09:48
-	2	display and package\$6 and plate\$1 adj protrusion\$1 and absorber and substrate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 09:49
-	2	display and package\$6 and plate\$1 adj protrusion\$1 and absorber and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 09:52
-	2	display and package\$6 and plate\$1 adj protrusion\$1 and absorber and substrate\$1 and electrode\$1 and electroluminescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:08
-	2	electroluminescent adj display and package\$6 and plate\$1 adj protrusion\$1 and absorber and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:36
-	2	(electroluminescent or EL) adj display and package\$6 and plate\$1 adj protrusion\$1 and absorber and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:37
-	2	(electroluminescent or EL) adj display and package\$6 and plate\$1 adj protrusion\$1 and (absorber or shield or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:38
-	2	(electroluminescent or EL) adj display and package\$6 and plate\$1 adj protrusion\$1 and (absorber or seal\$6 or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:39
-	2	(electroluminescent or EL) adj display and plate\$1 adj protrusion\$1 and (absorber or seal\$6 or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:39
-	61	(electroluminescent or EL) adj display and plate\$1 and protrusion\$1 and (absorber or seal\$6 or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 12:58

-	9	(electroluminescent or EL) adj display and package\$6 and plate\$1 and protrusion\$1 and (absorber or seal\$6 or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:50
-	7	(electroluminescent or EL) adj display and package\$6 and plate\$1 and protrusion\$1 and (absorber or spacer) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 10:50
-	1	6,091,078.pn. and overhang and spacer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 15:03
-	2	(electroluminescent or EL) adj display and plate\$1 and protrusion\$1 adj shape\$1 and (absorber or seal\$6 or adhesive) and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:01
-	3	(electroluminescent or EL) adj display and plate\$1 and protrusion\$1 adj shape\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:01
-	1	(electroluminescence or EL) adj (display and layer) and substrate\$1 and first and electrode\$1 and second and package\$6 and plate\$1 and protrusion\$1 and shape\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 13:05
-	4	6,495,886 B1.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:04
-	4	6,495,886 B1.pn. and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:24
-	4	6,495,886 B1.pn. and protrusion and absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:25
-	4	6,495,886 B1.pn. and plate adj protrusion and absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:25
-	1	6,495,886.pn. and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:26
-	1	6,495,886.pn. and protrusion and spacer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:50
-	1	5,661,364.pn. and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:51
-	1	5,661,364.pn. and protrusion and spacer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:11

-	2	6,590,229.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:56
-	1	6,259,500.pn. and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 14:59
-	1	6,259,500.pn. and protrusion and spacer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:15
-	1	6,091,078.pn. and overhang and spacer and plate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:06
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 15:59
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:00
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:00
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate\$1 and electrode\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:00
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate\$1 and electrode\$1 and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:01
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate\$1 and electrode\$1 and adhesive and film	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:04
-	1	6,091,078.pn. and overhang and spacer and plate\$1 and transparent and substrate\$1 and electrode\$1 and adhesive and film and shapes	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/18 16:04
-	1	6,259,500.pn. and protrusion and spacer and plate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 08:38
-	2	6,522,079.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 08:03
-	1	6,259,500.pn. and protrusion and spacer and plate\$1 and seal\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/19 09:04

-	1	6,259,500.pn. and plate\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/19 08:38
-	1	6,259,500.pn. and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/19 07:24